



IFW

Attorney Docket No. P67566US1

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: KRETZSCHMAR et al.

Application No.: 10/501,815

Art Unit: 1632

Filed: May 11, 2005

Examiner: Malou C. GEMENIANO

For AN INVERTEBRATE ANIMAL MODEL WITH NEURODEGENERATIVE  
PHENOTYPE FOR SCREENING AND TESTING SUBSTANCES

## TRANSMITTAL

Mail Stop Response  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Transmitted herewith please find:

- ☒ Response to Restriction Requirement
- ☐ Petition for extension of time
- ☐ Fee payment      ☐ Payment Form PTO-2038 (credit card) for \$ \* is attached.
- ☐ Charge \$ \* to Deposit Account No. 06-1358.
- ☐ Small entity status established in connection with the subject application.

Fee Calculation					
Excess Claims					
	Nº of Claims	Highest Nº Paid For	Excess Claims	Small Entity Fee	Large Entity Fee
Total	*	⊖ * =	0	⊗ \$25 = \$	⊗ \$50 = \$
Ind.	*	⊖ * =	0	⊗ \$100 = \$	⊗ \$200 = \$
( ) Multiple Dependent Claims (1 <sup>st</sup> Filing)				⊕ \$180 =	⊕ \$360 = \$
Excess Claims Fee				\$	\$
Extension of Time Fee				\$	\$
Other:				\$	\$
Total Fee Due				\$0	\$0

- ☒ If a petition for extension of time is necessary, but not enclosed, then this acts as the petition. Charge any fees additionally necessary in connection herewith to Deposit Account No. 06-1358.

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Date: February 13, 2006

By

  
William E. Player  
Registration No. 31,409

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In re application of KRETZSCHMAR et al.

Application No.: 10/501,815

Group Art Unit: 1632

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For AN INVERTEBRATE ANIMAL MODEL WITH NEURODEGENERATIVE  
PHENOTYPE FOR SCREENING AND TESTING SUBSTANCES

**RESPONSE  
TO RESTRICTION REQUIREMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

Sir:

This paper responds to the Office Action (restriction requirement) mailed January 11, 2006.

Pursuant to the restriction requirement under 35 USC 121, election is made, hereby, to prosecute invention Group 1, claims 1-11, with traverse.

Persuant to the requirement for multiple election of species, applicants elect:

- i. species b), phenotype related to a neurodegenerative phenotype.
- ii. species a), gene coding for an amyloid precursor protein.
- iii. species a), transposon insertion mutagenesis.

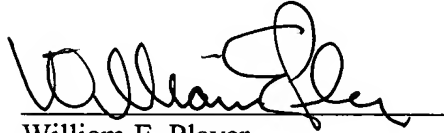
Traverse of the restriction is maintained because the PTO, with all due respect, appears to have made a mistake in defining this group. Correctly, claims 1-11 are drawn to a non-human transgenic animal with a modified version of the gene coding for the gamma subunit of AMP-activated protein kinase (AMPK $\gamma$ ). Group 1 is chosen by applicant with the understanding that the group shall be correctly defined as aforementioned.

Favorable action is requested.

Respectfully submitted,

JACOBSON HOLMAN PLLC

By:

A handwritten signature in black ink, appearing to read "William E. Player", written over a horizontal line.

William E. Player

Reg. No. 31,409

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